

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listing, of claims in the application:

Listing of Claims:

1. (Currently Amended) A PC (personal computer) camera with various applications, comprising:

a memory means for storing digital audio data[:]; and

a digital audio decoding means for reproducing an original sound by decoding the digital audio data stored on the memory means in a digital audio reproducing mode of the PC camera.

2. (Currently Amended) The PC camera with various applications according to claim 1, wherein the PC camera further comprises a storing means for storing the digital audio data from the PC on the memory means.

3. (Currently Amended) The PC camera with various applications according to claim 1, wherein the PC camera automatically switches into the digital audio reproducing mode when an earphone is inserted into the PC camera.

4. (Currently Amended) A PC (personal computer) camera with various applications, comprising:

a viewfinder for recognizing a direction and range of a photographing object;

a memory means for storing a photographed compressed image and digital audio data;

an image processing means for transmitting a picture-processed photographing image signal to ~~the~~ a PC coupled to the PC camera in a video conference mode, storing the picture-processed photographing image signal on the memory means after compressing it the image signal in a digital camera mode, transmitting the compressed image signal stored on the memory means to the PC in a still image transmission mode;

a digital audio decoding means for reproducing ~~the~~ an original sound by decoding the digital audio data stored on the memory means when a digital audio reproducing mode is set in the PC camera; and

a control mean for controlling the operation corresponding to the pertinent mode after judging if the PC camera is in the video conference mode, the digital camera mode, the still image transmission mode or the digital audio reproducing mode.

5. (Currently Amended) The PC camera with various applications according to claim 4, wherein the image processing means stores the digital audio data from the PC on the memory means.

6. (Currently Amended) The PC camera with various applications according to claim 4,

wherein the control means judges and determines a ~~switch~~ mode change to the digital audio reproducing mode when an earphone is inserted into the PC camera in a state in which a lens cap of the PC camera is ~~are~~ closed.

7. (Currently Amended) The PC camera with various applications according to claim ~~3 or~~ 6, wherein the PC camera comprises a switch inside of an earphone jack, ~~in order to~~ the switch being turned on when the earphone is

inserted into the PC camera, which in turn turns on the digital audio reproducing mode.

8. (Currently Amended) The PC camera with various applications according to claim ~~1~~ or 4, wherein the PC camera further comprises additional memory means ~~separately installed on the external in order to store~~ for storing the photographed image and digital audio data, the additional memory means being detachable from and attachable to the PC camera.

9. (Canceled)

10. (Currently Amended) The PC camera with various applications according to claim 4, wherein the PC camera further comprises a wireless communication means for converting a photographed image or a compressed image stored on the memory means into a wireless signal and transmitting it the wireless signal to the PC.

11. (Currently Amended) The PC camera with various applications according to claim ~~1~~ or 4, wherein a USB standard is used for data input/output between the PC and the PC camera.

12. (Currently Amended) The PC camera with various applications according to claim 10, wherein the wireless communication means stores the digital audio data received from the PC ~~with the~~ through a wireless communication on the memory means.

13. (Currently Amended) The PC camera with various applications according to claim 4, wherein the PC camera further comprises a second display means ~~for displaying~~ an image photographed at the present ~~by~~

~~installing selectively on the external besides the display mean installed on the PC camera in addition to a first display for displaying a subject to be photographed.~~

14. (Currently Amended) The PC camera with various application according to claim ~~1~~ or 4, wherein the PC camera further comprises ~~additionally~~ a plurality of adjustment buttons for switching into the video conference mode or the digital camera mode or the digital audio reproducing mode, for starting photographing in the digital camera mode, for selecting a music in the digital audio reproducing mode, and for selecting functions ~~such as~~ including a reproducing start function and a volume adjustment function etc.

15. (Currently Amended) The PC camera with various applications according to claim 14, wherein the PC camera further comprises a hold key for invalidating a function buttons of the other non-selected modes ~~or a key select by holding a select mode after a certain mode is selected.~~

16. (New) The PC camera with various applications according to claim 1, further comprising:

first detecting means for detecting whether the PC camera is electrically separated from a PC; and

mode switching means for automatically switching the PC camera to one of different modes of the PC camera based on the detection result.

17. (New) The PC camera with various applications according to claim 16, wherein the first detecting means includes one of the following:

a switch disposed at an area where the PC camera mates with a holder for the PC camera; or

a detector detecting a receipt of a USB standard signal from the PC.

18. (New) The PC camera with various applications according to claim 16, further comprising:

second detecting means for detecting a use state of a lens of the PC camera.

19. (New) The PC camera with various applications according to claim 18, wherein the mode switching means places the PC camera in a digital camera mode to use the PC camera as a handheld camera apart from the PC, if the first detecting means detects that the PC camera is electrically separated from the PC and if the second detecting means detects that the lens of the PC camera is in a use state.

20. (New) The PC camera with various applications according to claim 18, wherein the mode switching means places the PC camera in a still image transmission mode if the first detecting means detects that the PC camera is electrically connected to the PC and if the second detecting means detects that the lens of the PC camera is not in a use state.

21. (New) The PC camera with various applications according to claim 1, wherein the digital audio data are MP3 audio data downloaded by a PC coupled to the PC camera through a network.

22. (New) A PC (personal computer) camera comprising:

a detector to detect if the PC camera is electrically connected to a PC,

wherein the PC camera operates as a handheld digital camera used independently from the PC if the detector detects that the PC camera is electrically separated from the PC.

23. (New) The PC camera according to claim 22, wherein the detector includes a switch disposed at an area where the PC camera mates with a holder for the PC camera.

24. (New) The PC camera according to claim 22, wherein the detector detects a receipt of a USB signal from the PC.

25. (New) The PC camera according to claim 22, further comprising:
a player to play back MP3 audio data downloaded from the PC.